

Fri Dec 3 11:18:30 2004

us-10-070-611-9.fai

Page 1

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: December 3, 2004, 00:02:30 ; Search time 38 Seconds  
(without alignments)  
13.962 Million cell updates/sec

Title: US-10-070-611-9

Perfect score: 40

Sequence: 1 GKXQIVYK 8

Scoring table: BLOSUM62  
Gapop 10.0, Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database: Issued patents AA:\*

- 1: /cgn2\_6/prodata/1/aa/SA\_COMB.pep:\*
- 2: /cgn2\_6/prodata/1/aa/SH\_COMB.pep:\*
- 3: /cgn2\_6/prodata/1/aa/EA\_COMB.pep:\*
- 4: /cgn2\_6/prodata/1/aa/GB\_COMB.pep:\*
- 5: /cgn2\_6/prodata/1/aa/PCTUS\_COMB.pep:\*
- 6: /cgn2\_6/prodata/1/aa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	40	100.0	109	3	US-08-913-915-1
2	40	100.0	351	1	US-08-159-968-2
3	40	100.0	352	2	US-08-126-306A-17
4	40	100.0	391	2	US-08-244-951A-10
5	40	100.0	391	2	US-08-389-011-23
6	40	100.0	391	3	US-08-403-917A-23
7	40	100.0	391	4	US-09-148-952A-23
8	35	87.5	13	4	US-08-817-833B-7
9	35	87.5	108	3	US-08-913-915-2
10	35	87.5	109	3	US-08-913-915-3
11	35	87.5	140	3	US-08-913-915-9
12	35	87.5	383	4	US-09-336-035-4
13	35	87.5	441	3	US-08-244-603A-1
14	35	87.5	441	3	US-08-913-915-5
15	35	87.5	441	4	US-09-035-708A-1
16	35	87.5	758	4	US-09-904-987-5
17	35	82.5	413	2	US-08-960-756-2
18	31	77.5	397	4	US-09-270-767-46835
19	31	77.5	535	3	US-09-269-731-4
20	31	77.5	1125	4	US-09-513-783A-152
21	31	77.5	1125	4	US-09-430-656-152
22	31	77.5	1610	4	US-09-513-783A-22
23	31	77.5	1610	4	US-09-430-656-22
24	30	75.0	112	4	US-09-270-767-59081
25	30	75.0	124	4	US-09-270-767-60557
26	30	75.0	217	4	US-09-270-767-43695
27	30	75.0	307	4	US-09-854-133-397
28	30	75.0	389	4	US-09-673-395A-487
29	30	75.0	389	4	US-09-673-395A-621
30	30	75.0	399	4	US-09-673-395A-471
31	30	75.0	433	4	US-09-248-796A-18046
32	30	75.0	438	4	US-09-543-681A-6374
33	30	75.0	461	3	US-09-457-046B-70
34	30	75.0	600	4	US-09-252-991A-29817
35	30	75.0	600	4	US-09-543-681A-6927
36	30	75.0	68	4	US-09-107-532A-6461
37	29	72.5	219	4	US-09-977-897-4
38	29	72.5	224	4	US-09-977-897-3
39	29	72.5	224	4	US-09-977-897-13
40	29	72.5	225	4	US-09-977-897-14
41	29	72.5	225	4	US-09-977-897-15
42	29	72.5	226	4	US-09-977-897-16
43	29	72.5	227	4	US-09-977-897-17
44	29	72.5	228	4	US-09-977-897-18
45	29	72.5	230	4	US-09-977-897-19
46	29	72.5	231	4	US-09-977-897-12
47	29	72.5	231	4	US-09-977-897-20
48	29	72.5	232	4	US-09-977-897-11
49	29	72.5	232	4	US-09-977-897-21
50	29	72.5	232	4	US-09-977-897-10
51	29	72.5	233	4	US-09-977-897-22
52	29	72.5	233	4	US-09-977-897-9
53	29	72.5	234	4	US-09-977-897-23
54	29	72.5	235	4	US-09-977-897-8
55	29	72.5	235	4	US-09-977-897-24
56	29	72.5	236	4	US-09-977-897-7
57	29	72.5	236	4	US-09-977-897-25
58	29	72.5	237	4	US-09-977-897-6
59	29	72.5	237	4	US-09-977-897-26
60	29	72.5	238	3	US-09-277-716-32
61	29	72.5	238	4	US-09-609-161B-32
62	29	72.5	238	4	US-09-977-897-5
63	29	72.5	238	4	US-09-977-897-27
64	29	72.5	239	4	US-09-977-897-2
65	29	72.5	300	4	US-09-614-221A-623
66	29	72.5	313	4	US-09-071-035-18
67	29	72.5	313	4	US-09-071-035-178
68	29	72.5	335	4	US-09-071-035-118
69	29	72.5	411	4	US-09-710-279-2080
70	29	72.5	412	4	US-09-787-083-4
71	29	72.5	442	4	US-09-787-083-6
72	29	72.5	442	4	US-09-787-083-8
73	29	72.5	603	4	US-09-248-796A-14740
74	29	72.5	1277	3	US-09-397-885-3
75	29	72.5	1277	4	US-09-969-362-3
76	29	72.5	18	6	US-08-525-596B-8
77	29	72.5	108	3	US-09-177-860A-8
78	29	72.5	108	4	US-09-378-238-6
79	29	72.5	108	4	US-09-451-501-8
80	29	72.5	108	4	US-09-629-938-8
81	29	72.5	108	4	US-09-629-938-8
82	29	72.5	108	4	US-09-629-938-8
83	29	72.5	117	4	US-09-809-665A-52
84	29	72.5	126	2	US-08-525-596B-6
85	29	72.5	126	3	US-09-177-860A-6
86	29	72.5	126	4	US-09-378-238-6
87	29	72.5	126	4	US-09-451-501-6
88	29	72.5	126	4	US-09-629-938-6
89	29	72.5	126	4	US-09-629-938-6
90	29	72.5	130	4	US-09-378-238-21
91	29	72.5	130	4	US-09-686-344-33
92	29	72.5	130	4	US-09-071-035-44
93	29	72.5	167	4	US-09-248-796A-20554
94	29	72.5	172	4	US-09-071-035-442
95	29	72.5	225	4	US-09-378-238-19
96	29	72.5	226	4	US-09-686-344-35
97	29	72.5	274	4	US-09-540-236-2356
98	29	72.5	286	4	US-09-134-000C-4791
99	29	72.5	292	4	US-09-270-767-44104
100	29	72.5	294	4	US-09-664-249B-10

Sequence 397, App  
Sequence 487, App  
Sequence 621, App  
Sequence 471, App  
Sequence 18046, A  
Sequence 6374, App  
Sequence 29817, A  
Sequence 6927, App  
Sequence 6461, App  
Sequence 4, App  
Sequence 13, App  
Sequence 14, App  
Sequence 15, App  
Sequence 16, App  
Sequence 17, App  
Sequence 18, App  
Sequence 19, App  
Sequence 20, App  
Sequence 21, App  
Sequence 22, App  
Sequence 23, App  
Sequence 24, App  
Sequence 25, App  
Sequence 26, App  
Sequence 32, App  
Sequence 32, App  
Sequence 32, App  
Sequence 32, App  
Sequence 27, App  
Sequence 27, App  
Sequence 623, App  
Sequence 180, App  
Sequence 178, App  
Sequence 2080, App  
Sequence 4, App  
Sequence 6, App  
Sequence 8, App  
Sequence 8, App  
Sequence 8, App  
Sequence 52, App  
Sequence 6, App  
Sequence 6, App  
Sequence 6, App  
Sequence 6, App  
Sequence 6, App  
Sequence 6, App  
Sequence 6, App  
Sequence 21, App  
Sequence 21, App  
Sequence 44, App  
Sequence 44, App  
Sequence 2054, App  
Sequence 14, App  
Sequence 14, App  
Sequence 35, App  
Sequence 35, App  
Sequence 4791, App  
Sequence 4791, App  
Sequence 10, App

Fri Dec 3 11:18:30 2004

us-10-070-611-9.rai

Page 2

101	28	70.0	317	3	US-09-141-007-3	Sequence 3, Appl1	174	28	70.0	782	3	US-09-642-146-10	Sequence 10, Appl1
102	28	70.0	317	4	US-09-617-804-3	Sequence 2, Appl1	175	28	70.0	870	2	US-08-732-192A-2	Sequence 2, Appl1
103	28	70.0	345	4	US-09-248-786A-16175	Sequence 16175, A	176	28	70.0	870	3	US-09-172-339-8	Sequence 8, Appl1
104	28	70.0	346	4	US-09-540-226-3202	Sequence 3202, Ap	177	28	70.0	1211	4	US-09-491-522-5	Sequence 2, Appl1
105	28	70.0	347	4	US-09-248-796A-19195	Sequence 19195, A	178	28	70.0	1290	1	US-08-470-350B-2	Sequence 2, Appl1
106	28	70.0	374	4	US-09-252-149B-36	Sequence 36, Appl1	179	28	70.0	1616	4	US-09-538-092-1016	Sequence 1016, Ap
107	28	70.0	374	4	US-09-378-238-29	Sequence 29, Appl1	180	28	70.0	1785	3	US-09-341-587-7	Sequence 3, Appl1
108	28	70.0	374	4	US-09-626-896-8	Sequence 8, Appl1	181	27	67.5	42	4	US-09-270-767-17472	Sequence 3, Appl1
109	28	70.0	374	4	US-09-626-896-20	Sequence 20, Appl1	182	27	67.5	42	4	US-09-270-767-17472	Sequence 3, Appl1
110	28	70.0	375	2	US-08-525-596B-14	Sequence 14, Appl1	183	27	67.5	98	4	US-09-513-999C-4310	Sequence 52689, A
111	28	70.0	375	2	US-08-763-875-5	Sequence 5, Appl1	184	27	67.5	106	4	US-09-248-796A-20265	Sequence 20265, A
112	28	70.0	375	3	US-08-795-671-5	Sequence 5, Appl1	185	27	67.5	112	4	US-09-328-352-5526	Sequence 5526, Ap
113	28	70.0	375	3	US-09-177-860A-14	Sequence 14, Appl1	186	27	67.5	112	4	US-09-513-999C-5587	Sequence 5587, Ap
114	28	70.0	375	3	US-09-252-149B-29	Sequence 29, Appl1	187	27	67.5	158	4	US-09-107-532A-6578	Sequence 6578, Ap
115	28	70.0	375	3	US-09-252-149B-30	Sequence 30, Appl1	188	27	67.5	160	2	US-08-726-106A-35	Sequence 35, Appl1
116	28	70.0	375	3	US-09-252-149B-32	Sequence 32, Appl1	189	27	67.5	162	4	US-09-248-796A-24080	Sequence 24080, A
117	28	70.0	375	3	US-09-252-149B-33	Sequence 33, Appl1	190	27	67.5	170	4	US-09-248-796A-20324	Sequence 20324, A
118	28	70.0	375	3	US-09-252-149B-34	Sequence 34, Appl1	191	27	67.5	175	3	US-08-984-550-2	Sequence 2, Appl1
119	28	70.0	375	3	US-09-378-238-14	Sequence 35, Appl1	192	27	67.5	175	3	US-08-103-359-14	Sequence 14, Appl1
120	28	70.0	375	4	US-09-378-238-14	Sequence 14, Appl1	193	27	67.5	179	1	US-08-049-473-32	Sequence 32, Appl1
121	28	70.0	375	4	US-09-451-501-19	Sequence 19, Appl1	194	27	67.5	179	1	US-08-312-648-32	Sequence 32, Appl1
122	28	70.0	375	4	US-09-451-501-19	Sequence 19, Appl1	195	27	67.5	179	5	PCT-US94-04190-32	Sequence 32, Appl1
123	28	70.0	375	4	US-09-451-501-21	Sequence 21, Appl1	196	27	67.5	180	1	US-08-049-473-30	Sequence 30, Appl1
124	28	70.0	375	4	US-09-451-501-21	Sequence 21, Appl1	197	27	67.5	180	1	US-08-049-473-31	Sequence 31, Appl1
125	28	70.0	375	4	US-09-451-501-23	Sequence 23, Appl1	198	27	67.5	180	1	US-08-312-648-30	Sequence 30, Appl1
126	28	70.0	375	4	US-09-451-501-27	Sequence 27, Appl1	199	27	67.5	180	1	US-08-312-648-30	Sequence 30, Appl1
127	28	70.0	375	4	US-09-623-896-14	Sequence 14, Appl1	200	27	67.5	180	5	PCT-US94-04190-30	Sequence 30, Appl1
128	28	70.0	375	4	US-09-623-896-10	Sequence 10, Appl1	201	27	67.5	180	5	PCT-US94-04190-31	Sequence 31, Appl1
129	28	70.0	375	4	US-09-623-896-16	Sequence 16, Appl1	202	27	67.5	181	1	US-08-049-473-27	Sequence 27, Appl1
130	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	203	27	67.5	181	1	US-08-049-473-28	Sequence 28, Appl1
131	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	204	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
132	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	205	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
133	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	206	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
134	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	207	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
135	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	208	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
136	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	209	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
137	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	210	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
138	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	211	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
139	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	212	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
140	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	213	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
141	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	214	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
142	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	215	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
143	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	216	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
144	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	217	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
145	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	218	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
146	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	219	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
147	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	220	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
148	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	221	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
149	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	222	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
150	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	223	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
151	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	224	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
152	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	225	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
153	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	226	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
154	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	227	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
155	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	228	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
156	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	229	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
157	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	230	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
158	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	231	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
159	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	232	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
160	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	233	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
161	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	234	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
162	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	235	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
163	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	236	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
164	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	237	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
165	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	238	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
166	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	239	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
167	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	240	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
168	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	241	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
169	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	242	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
170	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	243	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
171	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	244	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
172	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	245	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1
173	28	70.0	375	4	US-09-623-896-18	Sequence 18, Appl1	246	27	67.5	181	1	US-08-049-473-29	Sequence 29, Appl1

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: December 2, 2004, 21:53:59 ; Search time 160 Seconds

(without alignments) 17.936 Million cell updates/sec

Title: US-10-070-611-9

Sequence: 1 GKQVLYK 8

Scoring table: BLOSUM62  
Gapop 10.0, Gapext 0.5

Searched: 2002273 seqs, 35872929 residues

Total number of hits satisfying chosen parameters: 2002273

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1000 summaries

Database:

- 1: Geneseq\_238904:\*
- 2: Geneseq\_19808:\*
- 3: Geneseq\_19906:\*
- 4: Geneseq\_20008:\*
- 5: Geneseq\_20018:\*
- 6: Geneseq\_20038:\*
- 7: Geneseq\_20038:\*
- 8: Geneseq\_20048:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match Length	ID	Description
1	40	100.0	8	AAU00728	AAU00728 Human TAU
2	40	100.0	19	AAU00723	AAU00723 Human TAU
3	40	100.0	43	AAU00725	AAU00725 Human TAU
4	40	100.0	94	AAU00729	AAU00729 Human TAU
5	40	100.0	95	AD119903	AD119903 N- and C-
6	40	100.0	131	AD119903	AD119903 N- and C-
7	40	100.0	135	AD119903	AD119903 N- and C-
8	40	100.0	140	AD119903	AD119903 N- and C-
9	40	100.0	144	AD119903	AD119903 N- and C-
10	40	100.0	148	AD119903	AD119903 N- and C-
11	40	100.0	152	AD119903	AD119903 N- and C-
12	40	100.0	161	AD119903	AD119903 N- and C-
13	40	100.0	164	AD119903	AD119903 N- and C-
14	40	100.0	167	AD119903	AD119903 N- and C-
15	40	100.0	170	AD119903	AD119903 N- and C-
16	40	100.0	173	AD119903	AD119903 N- and C-
17	40	100.0	176	AD119903	AD119903 N- and C-
18	40	100.0	178	AD119903	AD119903 N- and C-
19	40	100.0	181	AD119903	AD119903 N- and C-
20	40	100.0	184	AD119903	AD119903 N- and C-
21	40	100.0	210	AD119903	AD119903 N- and C-
22	40	100.0	234	AD119903	AD119903 N- and C-
23	40	100.0	240	AD119903	AD119903 N- and C-
24	40	100.0	264	AD119903	AD119903 N- and C-
25	40	100.0	342	AD119903	AD119903 N- and C-

*9/11/05 Wischik ed*

26	40	100.0	351	AA15200	AA15200 Human TAU
27	40	100.0	352	AA15200	AA15200 Human TAU
28	40	100.0	352	AA15200	AA15200 Human TAU
29	40	100.0	352	AA15200	AA15200 Human TAU
30	40	100.0	352	AA15200	AA15200 Human TAU
31	40	100.0	352	AA15200	AA15200 Human TAU
32	40	100.0	352	AA15200	AA15200 Human TAU
33	40	100.0	352	AA15200	AA15200 Human TAU
34	40	100.0	352	AA15200	AA15200 Human TAU
35	40	100.0	352	AA15200	AA15200 Human TAU
36	40	100.0	352	AA15200	AA15200 Human TAU
37	40	100.0	352	AA15200	AA15200 Human TAU
38	40	100.0	352	AA15200	AA15200 Human TAU
39	40	100.0	352	AA15200	AA15200 Human TAU
40	40	100.0	352	AA15200	AA15200 Human TAU
41	40	100.0	352	AA15200	AA15200 Human TAU
42	40	100.0	352	AA15200	AA15200 Human TAU
43	40	100.0	352	AA15200	AA15200 Human TAU
44	40	100.0	352	AA15200	AA15200 Human TAU
45	40	100.0	352	AA15200	AA15200 Human TAU
46	40	100.0	352	AA15200	AA15200 Human TAU
47	40	100.0	352	AA15200	AA15200 Human TAU
48	40	100.0	352	AA15200	AA15200 Human TAU
49	40	100.0	352	AA15200	AA15200 Human TAU
50	40	100.0	352	AA15200	AA15200 Human TAU
51	40	100.0	352	AA15200	AA15200 Human TAU
52	40	100.0	352	AA15200	AA15200 Human TAU
53	40	100.0	352	AA15200	AA15200 Human TAU
54	40	100.0	352	AA15200	AA15200 Human TAU
55	40	100.0	352	AA15200	AA15200 Human TAU
56	40	100.0	352	AA15200	AA15200 Human TAU
57	40	100.0	352	AA15200	AA15200 Human TAU
58	40	100.0	352	AA15200	AA15200 Human TAU
59	40	100.0	352	AA15200	AA15200 Human TAU
60	40	100.0	352	AA15200	AA15200 Human TAU
61	40	100.0	352	AA15200	AA15200 Human TAU
62	40	100.0	352	AA15200	AA15200 Human TAU
63	40	100.0	352	AA15200	AA15200 Human TAU
64	40	100.0	352	AA15200	AA15200 Human TAU
65	40	100.0	352	AA15200	AA15200 Human TAU
66	40	100.0	352	AA15200	AA15200 Human TAU
67	40	100.0	352	AA15200	AA15200 Human TAU
68	40	100.0	352	AA15200	AA15200 Human TAU
69	40	100.0	352	AA15200	AA15200 Human TAU
70	40	100.0	352	AA15200	AA15200 Human TAU
71	40	100.0	352	AA15200	AA15200 Human TAU
72	40	100.0	352	AA15200	AA15200 Human TAU
73	40	100.0	352	AA15200	AA15200 Human TAU
74	40	100.0	352	AA15200	AA15200 Human TAU
75	40	100.0	352	AA15200	AA15200 Human TAU
76	40	100.0	352	AA15200	AA15200 Human TAU
77	40	100.0	352	AA15200	AA15200 Human TAU
78	40	100.0	352	AA15200	AA15200 Human TAU
79	40	100.0	352	AA15200	AA15200 Human TAU
80	40	100.0	352	AA15200	AA15200 Human TAU
81	40	100.0	352	AA15200	AA15200 Human TAU
82	40	100.0	352	AA15200	AA15200 Human TAU
83	40	100.0	352	AA15200	AA15200 Human TAU
84	40	100.0	352	AA15200	AA15200 Human TAU
85	40	100.0	352	AA15200	AA15200 Human TAU
86	40	100.0	352	AA15200	AA15200 Human TAU
87	40	100.0	352	AA15200	AA15200 Human TAU
88	40	100.0	352	AA15200	AA15200 Human TAU
89	40	100.0	352	AA15200	AA15200 Human TAU
90	40	100.0	352	AA15200	AA15200 Human TAU
91	40	100.0	352	AA15200	AA15200 Human TAU
92	40	100.0	352	AA15200	AA15200 Human TAU
93	40	100.0	352	AA15200	AA15200 Human TAU
94	40	100.0	352	AA15200	AA15200 Human TAU
95	40	100.0	352	AA15200	AA15200 Human TAU
96	40	100.0	352	AA15200	AA15200 Human TAU
97	40	100.0	352	AA15200	AA15200 Human TAU
98	40	100.0	352	AA15200	AA15200 Human TAU

99	33	82.5	74	7	ABW01615	Abw01615	Human	TRI	172	30	75.0	378	4	AAm41282	AAm41282	Human	pol
100	33	82.5	196	6	ABW70860	Abm70860	Staphyloc		173	30	75.0	378	4	AAm41281	AAm41281	Human	pol
101	33	82.5	411	6	ABW48372	Abw48372	Human	SEC	174	30	75.0	389	2	AAy60287	AAy60287	Human	end
102	33	82.5	413	2	AAW92372	AAw92372	Thermus s		175	30	75.0	389	6	ABP75880	ABP75880	Human	sec
103	33	82.5	462	5	ABR47305	Abb47305	Listeria		176	30	75.0	399	2	AAy60271	AAy60271	Human	end
104	33	82.5	464	4	AA848377	Ad848377	Human	SEC	177	30	75.0	412	3	AAy95049	AAy95049	Human	end
105	33	82.5	493	6	AD454707	Adp454707	Human	pro	178	30	75.0	418	3	AAy42252	AAy42252	Human	pro
106	33	82.5	741	5	ABP43960	Abp43960	Human	pro	179	30	75.0	418	6	ABR48170	ABR48170	Human	pro
107	33	82.5	963	4	AA870255	Abw70255	Human	TRI	180	30	75.0	418	6	ABU56635	ABU56635	Human	pro
108	33	82.5	963	7	ABW01589	Abw01589	Human	TRI	181	30	75.0	418	6	ABU56635	ABU56635	Human	pro
109	33	82.5	1027	7	AA870256	Abw70256	TRI6-Long		182	30	75.0	435	4	AAK39983	AAK39983	Human	pro
110	33	82.5	1027	7	ABW01590	Abw01590	Human	TRI	183	30	75.0	438	7	AAm39863	AAm39863	Human	pro
111	32	80.0	113	5	ABP10031	Abp10031	Human	ORF	184	30	75.0	461	7	ADP06089	ADP06089	Human	pro
112	32	80.0	257	6	ABU15888	Abu15888	Staphyloc	e	185	30	75.0	485	7	ABR83665	ABR83665	Human	pro
113	32	80.0	267	4	AAU34360	AAu37278	Staphyloc		186	30	75.0	485	7	ADP06089	ADP06089	Human	pro
114	32	80.0	269	4	AAU37278	Abm72048	Staphyloc		187	30	75.0	527	6	ABU58200	ABU58200	Human	pro
115	32	80.0	269	6	ABW72048	AAu00732	Human	TAU	188	30	75.0	569	5	AAU74344	AAU74344	Human	pro
116	31	77.5	94	4	ADM57073	AAu00732	Human	TAU	189	30	75.0	600	7	AAE37043	AAE37043	Human	pro
117	31	77.5	139	8	AAW5806	AAy75806	Neisseria		190	30	75.0	603	8	ADL00265	ADL00265	Human	pro
118	31	77.5	177	3	AAW5806	AAy75806	Neisseria		191	30	75.0	603	8	ADL00265	ADL00265	Human	pro
119	31	77.5	177	3	AAW5806	AAy75806	Neisseria		192	30	75.0	607	8	AAE18682	AAE18682	Human	pro
120	31	77.5	177	3	AAW5806	AAy75806	Neisseria		193	30	75.0	612	5	AAE18681	AAE18681	Human	pro
121	31	77.5	177	3	AAW5806	AAy75806	Neisseria		194	30	75.0	612	5	AAE18681	AAE18681	Human	pro
122	31	77.5	194	5	AAE15460	AAe15460	Invasin p		195	30	75.0	618	5	AAE18681	AAE18681	Human	pro
123	31	77.5	194	6	AAE15460	AAe15460	Invasin p		196	30	75.0	626	5	AAE18681	AAE18681	Human	pro
124	31	77.5	535	2	AAW50910	AAw50910	Cytophaga		197	30	75.0	636	5	AAE18681	AAE18681	Human	pro
125	31	77.5	835	2	AAW50910	AAw50910	Cytophaga		198	30	75.0	637	5	AAE18681	AAE18681	Human	pro
126	31	77.5	959	7	ADP74138	Adp74138	Invasin p		199	30	75.0	637	5	AAE18681	AAE18681	Human	pro
127	31	77.5	959	7	ADP74138	Adp74138	Invasin p		200	30	75.0	653	6	ABR48171	ABR48171	Human	pro
128	31	77.5	1125	3	AAW22934	Abw22934	Mouse	m1c	201	30	75.0	653	6	ABR48171	ABR48171	Human	pro
129	31	77.5	1125	3	AAW22934	Abw22934	Mouse	m1c	202	30	75.0	653	6	ABR48171	ABR48171	Human	pro
130	31	77.5	1125	3	AAW22934	Abw22934	Mouse	m1c	203	30	75.0	653	6	ABR48171	ABR48171	Human	pro
131	31	77.5	1125	3	AAW22934	Abw22934	Mouse	m1c	204	30	75.0	653	6	ABR48171	ABR48171	Human	pro
132	31	77.5	1125	3	AAW22934	Abw22934	Mouse	m1c	205	30	75.0	653	6	ABR48171	ABR48171	Human	pro
133	31	77.5	1125	3	AAW22934	Abw22934	Mouse	m1c	206	30	75.0	653	6	ABR48171	ABR48171	Human	pro
134	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	207	30	75.0	653	6	ABR48171	ABR48171	Human	pro
135	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	208	30	75.0	653	6	ABR48171	ABR48171	Human	pro
136	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	209	30	75.0	653	6	ABR48171	ABR48171	Human	pro
137	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	210	30	75.0	653	6	ABR48171	ABR48171	Human	pro
138	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	211	30	75.0	653	6	ABR48171	ABR48171	Human	pro
139	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	212	30	75.0	653	6	ABR48171	ABR48171	Human	pro
140	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	213	30	75.0	653	6	ABR48171	ABR48171	Human	pro
141	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	214	30	75.0	653	6	ABR48171	ABR48171	Human	pro
142	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	215	30	75.0	653	6	ABR48171	ABR48171	Human	pro
143	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	216	30	75.0	653	6	ABR48171	ABR48171	Human	pro
144	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	217	30	75.0	653	6	ABR48171	ABR48171	Human	pro
145	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	218	30	75.0	653	6	ABR48171	ABR48171	Human	pro
146	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	219	30	75.0	653	6	ABR48171	ABR48171	Human	pro
147	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	220	30	75.0	653	6	ABR48171	ABR48171	Human	pro
148	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	221	30	75.0	653	6	ABR48171	ABR48171	Human	pro
149	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	222	30	75.0	653	6	ABR48171	ABR48171	Human	pro
150	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	223	30	75.0	653	6	ABR48171	ABR48171	Human	pro
151	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	224	30	75.0	653	6	ABR48171	ABR48171	Human	pro
152	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	225	30	75.0	653	6	ABR48171	ABR48171	Human	pro
153	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	226	30	75.0	653	6	ABR48171	ABR48171	Human	pro
154	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	227	30	75.0	653	6	ABR48171	ABR48171	Human	pro
155	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	228	30	75.0	653	6	ABR48171	ABR48171	Human	pro
156	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	229	30	75.0	653	6	ABR48171	ABR48171	Human	pro
157	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	230	30	75.0	653	6	ABR48171	ABR48171	Human	pro
158	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	231	30	75.0	653	6	ABR48171	ABR48171	Human	pro
159	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	232	30	75.0	653	6	ABR48171	ABR48171	Human	pro
160	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	233	30	75.0	653	6	ABR48171	ABR48171	Human	pro
161	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	234	30	75.0	653	6	ABR48171	ABR48171	Human	pro
162	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	235	30	75.0	653	6	ABR48171	ABR48171	Human	pro
163	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	236	30	75.0	653	6	ABR48171	ABR48171	Human	pro
164	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	237	30	75.0	653	6	ABR48171	ABR48171	Human	pro
165	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	238	30	75.0	653	6	ABR48171	ABR48171	Human	pro
166	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	239	30	75.0	653	6	ABR48171	ABR48171	Human	pro
167	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	240	30	75.0	653	6	ABR48171	ABR48171	Human	pro
168	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	241	30	75.0	653	6	ABR48171	ABR48171	Human	pro
169	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	242	30	75.0	653	6	ABR48171	ABR48171	Human	pro
170	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	243	30	75.0	653	6	ABR48171	ABR48171	Human	pro
171	31	77.5	1610	3	AAE28870	AAe28870	Human	m1c	244	30	75.0	653	6	ABR48171	ABR48171	Human	pro